

Comparisons of Job Characteristics

Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061)

Associated Occupation: Rail Yard Engineers, Dinkey Operators, and Hostlers (53-4013)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 62

Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061)

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Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Transportation	4.6	16.6	9.8	<< Extensive education and/or training may be required
Public Safety and Security	6.9	12.4	8.9	<< Extensive education and/or training may be required
Telecommunications	3.9	8.6	3.2	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061)

Associated Occupation: Rail Yard Engineers, Dinkey Operators, and Hostlers (53-4013)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	12.3	10.7	< A higher skill level may be required
Operation Monitoring	6.6	12.0	11.2	0 Current skill level may be sufficient
Quality Control Analysis	5.9	9.6	9.7	0 Current skill level may be sufficient
Troubleshooting	4.5	8.0	9.5	> Skill level is likely sufficient
Repairing	3.4	6.9	10.2	>> Skill level is likely more than sufficient
Equipment Selection	3.3	5.7	7.2	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 73

Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061)

Associated Occupation: Rail Yard Engineers, Dinkey Operators, and Hostlers (53-4013)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Far Vision	7.8	12.3	11.1	<	Some improvement in abilities may be required
Control Precision	6.6	12.2	12.8	0	Current ability level may be sufficient
Reaction Time	4.8	11.6	11.5	0	Current ability level may be sufficient
Response Orientation	4.0	11.4	9.8	<	Some improvement in abilities may be required
Visual Color Discrimination	6.4	11.1	8.3	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	11.0	8.2	<<	Extensive improvement in abilities may be required
Rate Control	3.8	10.3	8.8	<	Some improvement in abilities may be required
Spatial Orientation	2.7	9.2	5.9	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	8.0	7.1	<	Some improvement in abilities may be required
Peripheral Vision	2.2	6.5	4.8	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	6.1	3.7	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

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Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.